

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Please cancel claims 1-21 from 09/921829.

Please cancel claims 22-32 from 10/284393.

Please add claims 33 and 34

33. (previously presented as claim 22) A data readout apparatus, comprising:

 a laser illuminating device illuminating data bits of tracks of an optical disk with an input data modulated beam; and

 an accumulator accumulating, in correspondence to the tracks, a beam reflected from the optical disk.

34. (previously presented as claim 26) A method of correlating data, said method comprising the steps of:

 modulating a beam with input data;

 reflecting the beam off of multiplied bits of an optical disk; and

 accumulating the beam reflected from the disk as the disk rotates.